

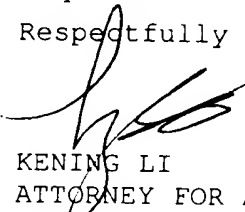
31. The polypeptide of Claim 27 wherein the polypeptide has a sequence selected from the group consisting of SEQ ID NOs:2, 4, 6, and 8.
32. A chimeric gene comprising the polynucleotide of Claim 13 operably linked to at least one suitable regulatory sequence.
33. A method for altering the level of 3-dehydroquinate synthase expression in a host cell, the method comprising:
  - (a) Transforming a host cell with the chimeric gene of claim 32; and
  - (b) Growing the transformed cell in step (a) under conditions suitable for the expression of the chimeric gene. --

**Remarks**

Applicants respectfully submit that the amendment to the specification only corrects obvious typographical errors and does not add any new matter. Furthermore, applicants submit that newly added claims more clearly and distinct recite that which applicants consider to be their invention, and are adequately supported by the original disclosure. For example, the Clustal method of alignment is described at page 5, line 22 et seq.

No new matter is believed to be at issue. Entry of the amendments and early favorable consideration of the claims on the merits are hereby respectfully requested.

Respectfully submitted,

  
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